

[Abstract]

The present invention relates to a composition for coating an organic electrode and method of manufacturing an organic electrode having an excellent transparency using the composition comprising 3% to 20% by weight of a polyhydric alcohol, polyol or a mixture thereof, 5% to 10% by weight of a primary alcohol having C1 to C5, 5% to 25% by weight of an amide, sulfoxide or a mixed solvent thereof, 0.01% to 0.1% by weight of a surfactant and an aqueous solution of polyethylenedioxythiophene (PEDOT) conductive polymers having nano-sized particles in a remainder. The present invention indicates the excellent transparency that transmittance of organic conductive layer is more than 90% in the visible ray area and sheet resistance is 300 to 900Ω/sq in case of coating. Therefore the present invention is capable of manufacturing the organic electrode such as an electrode or a writing material of organic transistor, smart card, antenna, electrode of battery and fuel battery, capacitor using for PCB, inductor, electromagnetic wave cover and a sensor etc. as well as the transparency electrode using for display.